

CLASSIFIED MESSAGE

SECRET

(When Filled In)

FILE INFO

NPIC REGISTRY

COPY

REPRODUCTION PROHIBITED

JUL 28 8 33 AM '71

ACTION P1	1	IAS	6	LEG/OD	11	16
	2	IAS	7	FILE	12	17
IAS	3	IAS	8		13	18
	4	IAS	9		14	19
	5	IAS	10		15	20

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R 272235Z
FM CIA/IAS

CNO

ZEM

TOP SECRET TITIT RUFF

CITE CIA/IAS 1342.

A SINGLE LEG RADIO FREQUENCY INTERFEROMETER HAS BEEN IDENTIFIED AT THE LAI-YANG TRACKING FACILITY (37-03-20N 120-47-00E).

THE RF INTERFEROMETER CONSISTS OF A ROW OF THREE TOWER-MOUNTED DISH ANTENNAS AND A LARGE 170 BY 75-FOOT MULTI-STORY CONTROL BUILDING. EACH DISH ANTENNA IS ABOUT 15 FEET IN DIAMETER AND MOUNTED ON AN APPROXIMATELY 50-FOOT HIGH TOWER. THE TWO OUTER ANTENNAS ARE ABOUT 435 FEET APART AND DESCRIBE

THE THIRD ANTENNA IS LOCATED SOME 85 FEET FROM THE EASTERNMOST ANTENNA. THIS DEVICE IS VERY SIMILAR TO THE LARGE THREE DISH INTERFEROMETER CONSTRUCTED BY THE SOVIETS AT THE YEVPATORIYA DEEP SPACE TRACKING FACILITY, NORTH.

THE ONLY OTHER RF INTERFEROMETER NOW KNOWN TO EXIST IN CHINA IS A PLUS-SHAPED DEVICE LOCATED AT THE SU7LO TRACKING FACILITY IN WESTERN CHINA. A LARGE CONTROL BUILDING NEAR THE SU7LO INTERFEROMETER IS THE SAME SIZE AND SHAPE AS THE LAI7YANG INTERFEROMETER CONTROL BUILDING.

EOM

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TOP SECRET RUFF

TOP SECRET